

**MEXBOROUGH  
URBAN DISTRICT COUNCIL**



**THE HEALTH  
OF  
MEXBOROUGH  
1970**



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# MEXBOROUGH URBAN DISTRICT COUNCIL

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## MEMBERS as at 31st DECEMBER, 1970

**Chairman of the Council :**  
Councillor J. R. Bell, J.P.

**Vice-Chairman of the Council :**  
Councillor A. Martin

**Chairman of the Public Health Committee :**  
Councillor W. S. Taylor

### **Councillors :**

J. A. Batty	S. Massey
R. Booth	T. Roebuck, C.C.
B. M. Cooke	R. Sykes
J. H. Gill	J. Toft
G. W. Hurst	F. Watson
J. Haigh	A. Webb
R. H. Haigh, O.B.E., J.P.	

**Medical Officer of Health :**  
D. J. Cusiter, M.B., Ch.B., D.P.H., D.T.M. & H.

**Chief Public Health Inspector :**  
H. Brearley, Cert S.I.B., M.A.P.H.I.

**Additional Public Health Inspector:**  
P. J. Lakin, Dip.P.H.I.E.B., Dip.A.P.C., M.A.P.H.I.

## P R E F A C E

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Public Health Department,  
Council Offices,  
Mexborough.

To the Chairman and Members of  
the Mexborough Urban District Council

Mr. Chairman and Gentlemen,

I include in this report of the health of your district details of the County Council health services and the School Health Service.

There were 295 live births registered in 1970 and 201 deaths, making a natural increase in the population of 94. The Registrar General however, takes into account the movement of the population from one area to another in making his estimate of the population and the figures provided by him show an overall increase of 20 on the previous year.

Two fewer births were registered than in the previous year, and the corrected birth rate of 18.7 compares with 18.6 in 1969. The live birth rate for England and Wales was 16.0 in 1970.

Seven infants died under the age of one year, three of them in the first week of life, and these three were all of premature birth weight. Prematurity was the prime cause of death of two infants whilst a third had an intestinal obstruction. Three of the remaining infants died of respiratory infections and one had congenital abnormalities. The infant death rate was 23.7 per 1,000 live births compared with a rate of 26.9 in 1969. The rate for England and Wales was 18.2.

Twenty-two of the 295 live births were illegitimate, representing 7 per cent of the total. England and Wales has an average illegitimacy rate of 8 per cent.

There were three still-births registered, corresponding to a still-birth rate of 10.1 per 1,000 live and still-births. The national rate is 13.0.



Deaths in 1970 totalled 201—123 males and 78 females. The corrected death rate of 13.8 per 1,000 estimated population compares with a rate for England and Wales of 11.7. The main causes of death were circulatory disease (67); respiratory disease (42); cancer (of all sites) (38) and cerebro-vascular disease (25). Normally cancer and cerebro-vascular diseases occupy second and third places as the main causes of death, but it will be noted that respiratory disease takes second place in Mexborough. Sixteen of the respiratory deaths were due to bronchitis and emphysema and twenty from pneumonia. Of the cancer deaths, 10 were cancer of the lung and bronchus and all were males. Two deaths from tuberculosis were also recorded.

One cannot over-emphasise the dangers of cigarette smoking and the need for a cleaner atmosphere if the effects of these chest diseases are to be limited. Wisely, your Council have already approved three smoke control areas, two of which were in operation at the year end. However, a national shortage of solid smokeless fuels meant a temporary withdrawal of the orders and the full effect of their implementation was not felt.

May I express to all members of the Council, Mr. H. Brearley and his staff, my colleagues and the staff at Dunford House, my appreciation of the help and support I have received from them during the year under review.

Yours faithfully,

D. J. CUSITER,

Medical Officer of Health.

Divisional Public Health Office,  
Dunford House,  
Wath-upon-Dearne,  
Rotherham.

Tel. Wath-upon Dearne 2251/2.

## SECTION "A"

### NATURAL AND SOCIAL CONDITIONS OF THE AREA

#### (a) General Statistics

Area (in acres)	...	...	...	...	...	1,452
Registrar-General's estimate of Resident Population						
Mid-1970	...	...	...	...	...	16,360
Number of inhabited houses at 31st December, 1970						5,813
Population density (persons per house)						2.8
House density (houses per acre)						4.0
Rateable value						£403,595
Net product of 1d. rate						£1,550

#### (b) Physical and Social Conditions

Mexborough is a typical market town of 1,452 acres, built on gradually rising ground, for the most part sandstone, on the North side of the River Don.

The mining, light engineering and printing industries provide the major source of employment for the male population.

The population of sixteen and a half thousand has decreased by more than 3,000 during the last twenty years.

Seven fewer houses were available for occupation than at the end of 1969, but 50 new houses were provided during the year, 34 by the local authority and 16 by private enterprise to replace 57 demolished in slum clearance schemes.

## VITAL STATISTICS

### Live Births :

					Males	Females	Total
Total	...	...	...	...	172	123	295
Legitimate		...	...	...	163	110	273
Illegitimate		...	...	...	9	13	22
Live Birth Rate (uncorrected)							
per 1,000 population	...			...	...	...	18.0
Live Birth Rate (corrected)							
per 1,000 population	...			...	...	...	18.5
Illegitimate live births as percentage of							
total live births	...	...	...	...	...	...	7%

### Still-Births :

					Males	Females	Total
Total	...	...	...	...	1	2	3
Rate per 1,000 live and still-births					...	...	10.1

					Males	Females	Total
Total Live and Still-births :	...		...		173	125	298

### Deaths of Infants under 1 year of age :

					Males	Females	Total
Total	...	...	...	...	5	2	7
Legitimate		...	...	...	5	2	7
Illegitimate		...	...	...	—	—	—

### Infant Mortality Rates :

Total Infant Deaths per 1,000 live births	...						23.7
Legitimate Infant Deaths per 1,000 legitimate							
live births	...	...	...	...	...	...	25.6
Illegitimate Infant Deaths per 1,000 illegitimate							
live births	...	...	...	...	...	...	0.0

Neo-natal mortality rate (deaths under 4 weeks per							
1,000 total live births)	...	...	...	...	...	...	10.2



Early neo-natal mortality rate (deaths under 1 week per 1,000 total live births)	...	...	...	10.2
---	-----	-----	-----	------

Perinatal mortality rate (still-births and deaths under 1 week combined per 1,000 total live and still-births)	20.1
---	------

Maternal mortality, including abortion :

Number of deaths	...	...	...	Nil
Rate per 1,000 total live and still-births	...	...	...	0.0

Deaths :

					Males	Females	Total
Total	...	...	...	...	123	78	201
Death Rate (uncorrected)	...	...	...	...	...	...	12.3
Death Rate (corrected)	...	...	...	...	...	...	13.8

Natural increase in population :	...	...	...	94
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Causes of Death at Different Periods of Life during 1970 in the Urban District of Mexborough  
General Register Office, Somerset House, Strand W.C.2.

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over	
B6(1) Late Effects of Respiratory T.B.	M	1	—	—	—	—	—	—	—	—	1	—	—	—
B6(2) Other Tuberculosis	F	—	—	—	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	1	—
B19(1) Malignant Neoplasm, Buccal Cavity etc.	M	1	—	—	—	—	—	—	—	—	—	—	—	—
B19(3) Malignant Neoplasm-Stomach	F	—	—	—	—	—	—	—	—	—	—	—	—	—
	M	3	—	—	—	—	—	—	—	—	1	—	—	2
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
B19(4) Malignant Neoplasm, Intestine	M	3	—	—	—	—	—	—	—	—	—	—	2	1
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B19(6) Malignant Neoplasm-Lung Bronchus	M	10	—	—	—	—	—	—	—	1	2	—	5	2
B19(7) Malignant Neoplasm-Breast	F	—	—	—	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	4	—	—	—	—	—	—	—	2	1	—	1	—
B19(9) Malignant Neoplasm-Prostate	M	1	—	—	—	—	—	—	—	—	—	—	—	—
B19(11) Other Malignant Neoplasms	M	11	—	—	—	—	—	—	2	—	—	2	3	4
	F	4	—	—	—	—	—	—	—	—	—	1	3	—
B21 Diabetes Mellitus	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	1	—	—	—
B46(2) Other Diseases of Blood, etc.	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	1	—
B46(5) Other Diseases of Nervous System	M	1	—	—	—	—	—	—	—	1	—	—	—	—
	F	4	—	—	—	—	—	—	—	—	—	1	—	1

Causes of Death at Different Periods of Life during 1970 in the Urban District of Mexborough  
General Register Office, Somerset House, Strand, W.C.2.

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over	
B26 Chronic Rheumatic Heart Disease	M	—	—	—	—	—	—	—	—	—	—	—	—	—
B27 Hypertensive Disease	F	2	—	—	—	—	—	—	—	—	—	1	1	—
	M	2	—	—	—	—	—	—	—	—	1	—	1	—
B28 Ischaemic Heart Disease	F	1	—	—	—	—	—	—	—	—	—	—	—	—
	M	28	—	—	—	—	—	—	—	—	5	5	9	1
	F	17	—	—	—	—	—	—	—	—	—	2	5	8
B29 Other Forms of Heart Disease	M	3	—	—	—	—	—	—	—	—	—	—	1	2
	F	7	—	—	—	—	—	—	—	—	—	—	2	4
B30 Cerebrovascular Disease	M	12	—	—	—	—	—	—	—	—	—	2	6	3
	F	13	—	—	—	—	—	—	—	—	—	1	4	8
B46(6) Other Diseases of Circulatory System	M	4	—	—	—	—	—	—	—	—	—	1	2	1
	F	3	—	—	—	—	—	—	—	—	—	—	—	3
B31 Influenza	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	1
B32 Pneumonia	M	11	—	1	—	—	—	—	—	—	1	2	6	—
	F	9	—	1	—	—	—	—	—	—	—	1	1	—
B33(1) Bronchitis and Emphysema	M	14	—	1	—	—	—	—	—	—	—	5	6	7
	F	2	—	—	—	—	—	—	—	—	—	—	1	2
B33(2) Asthma	M	—	—	—	—	—	—	—	—	—	—	—	1	1
	F	2	—	—	—	—	—	—	—	—	—	—	—	—
B46(7) Other Diseases of Respiratory System	M	2	—	—	—	—	—	—	—	—	—	—	1	—
	F	1	—	—	—	—	—	—	—	—	—	—	—	—
B34 Peptic Ulcer	M	1	—	—	—	—	—	—	—	—	—	—	—	1
	F	—	—	—	—	—	—	—	—	—	—	—	—	—

**Causes of Death at Different Periods of Life during 1970 in the Urban District of Mexborough**  
**General Register Office, Somerset House, Strand, W.C.2.**

Cause of Death	Sex	Total all Ages	Under 4 Weeks	4 Weeks and under 1 year	Age in Years									
					1—	5—	15—	25—	35—	45—	55—	65—	75 and over	
B36 Intestinal Obstruction and Hernia	M	2	1	—	—	—	—	—	—	—	—	—	—	1
B37 Cirrhosis of Liver	F	—	—	—	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	—	—	—	—	—	1	—
B46(8) Other Diseases of Digestive System	M	3	—	—	—	—	1	—	—	—	—	—	—	2
B46(9) Other Diseases, Genito-Urinary System	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B42 Congenital Anomalies	M	1	—	—	—	—	—	—	—	—	—	—	—	1
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
B43 Birth Injury, Difficult Labour, etc.	F	1	1	1	—	—	—	—	—	—	—	—	—	—
	M	—	—	—	—	—	—	—	—	—	—	—	—	—
B44 Other Causes of Perinatal Mortality	M	1	1	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
BE47 Motor Vehicle Accidents	M	3	—	—	—	2	—	—	—	1	—	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
BE48 All Other Accidents	M	2	—	—	—	—	—	—	—	—	1	—	—	1
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
BE49 Suicide and Self-Inflicted Injuries	M	2	—	—	—	1	—	—	—	—	1	—	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
BE50 All Other External Causes	M	1	—	—	—	—	—	—	—	—	—	1	—	—
	F	—	—	—	—	—	—	—	—	—	—	—	—	—
<b>Total all causes</b>		123	3	2	—	5	—	10	24	39	—	37	39	
		78	—	2	1	—	2	3	8	22	—	—	—	

# DEATHS OF INFANTS UNDER 1 YEAR OF AGE

No.	Date of Death	Cause of Death	Age	Birth weight	Died	Dom. or Inst. birth
1.	28.1.70	1a Bronchopneumonia Acute respiratory infection	7 months	6.8	At home	Inst.
2.	10.2.70	1a Bronchitis	4 months	6.8	Montagu Hospital, Mexborough	Inst.
3.	25.5.70	1a Ruptured examphalos	1 day	5.5	Childrens Hospital, Sheffield	Inst.
4.	24.5.70	1a Prematurity	4 hours	2.5½	Montagu Hospital, Mexborough	Inst.
5.	12.8.70	1a Prematurity	1 day	2.7	Maternity Hospital, Doncaster	Inst.
6.	4.9.70	1a Bilateral adrenal haemorrhage b Lobar pneumonia	8 months	7.8	Montagu Hospital, Mexborough	Inst.
7.	28.9.70	1a Hydrocephalus 11 Spina bifida	5 months	7.15	Moorgate General Hospital, Rotherham	Inst.



## MEXBOROUGH 1970

	Mexboro' Urban District 1970	Divis- ion 26 1970	Aggregate West Riding Urban Districts	West Riding Admini- strative County	England and Wales
Population .....	16,360	109,650	1,268,760	1,794,020	
Live Births (Crude)	18.0	17.7	17.2	17.3	
Live Births (Corrected) .....	18.6		17.6	17.5	16.0
Death Rate — All causes Crude	12.3	11.6	12.5	11.7	
Death Rate — All causes Corrected	13.8		13.0	12.7	11.7
Tuberculosis					
Respiratory .....	0.00	0.03	0.02	0.02	0.02
Other Forms .....	0.12	0.04	0.01	0.01	0.01
All Forms .....	0.12	0.06	0.03	0.03	0.03
Cancer, all forms	2.32	2.02	2.29	2.14	2.39
Cerebro-Vascular Disease .....	1.53	1.33	1.89	1.75	*
Circulatory Diseases exc. C.V.D. ....	4.10	4.11	4.76	4.44	*
Respiratory Diseases .....	2.57	2.41	1.82	1.69	*
Maternal Mortality	0.00	0.50	0.36	0.29	0.18
Infant Mortality	23.7	25.7	19.5	19.8	18.2
Neo Natal Mortality	10.2	16.0	13.2	13.2	12.3
Perinatal Mortality	20.1	32.8	24.1	24.4	23.5
Still-births .....	10.1	19.2	13.3	13.6	13.0

\*Figures not available

## SECTION 'B'

### General Provision of Health Services in the Area

Staff at 31st December, 1970

#### Divisional Medical Officer and Medical Officer of Health :

D. J. Cusiter, M.B., Ch.B., D.P.H., D.T.M. & H.

#### Divisional Nursing Officer :

Miss V. Dunford, S.R.N., S.C.M., H.V.Cert., D.T. (Queens)

#### Senior Departmental Medical Officers :

S. K. Pande, M.B., B.S., D.P.H.

Margaret Bolsover, M.B., Ch.B.

#### Part-Time Medical Officers :

Farhat Amin, M.B., B.S., D.C.H.

M. F. W. Bajorek, M.D.

B. R. Baker, M.B., B.S., M.R.C.S., L.R.C.P.

P. L. Baker, M.B., B.S., M.R.C.S., L.R.C.P.

D. M. Bell, M.B., Ch.B.

I. Campbell, M.D., Ch.B.

Jessica Core, M.B., Ch.B., D.C.H.

Mary Scott, M.B., Ch.B.

H. H. Smith, M.B., Ch.B.

J. Wilczynski, M.B., Ch.B.

#### Obstetrician :

J. C. MacWilliam, L.R.C.P., L.R.C.S., L.R.F.P.S.,  
D.Obst.R.C.O.G.

#### Ophthalmologists :

Mary A. C. Jones, M.B., Ch.B., F.R.C.S., D.O. (Consultant)

S. K. Bannerjee, M.B., B.S., D.O.

#### Child Psychiatrist :

J. D. Orme, M.R.C.S., L.R.C.P., D.P.M.

#### Psychologist :

Felicity A. Brown, B.A.

### Health Visitors :

Mrs. E. Appleyard,	Miss V. McCulloch,
Mrs. J. Brown,	Mrs. J. V. McLoughlin,
Mrs. S. Chetcuti,	Mrs. I. E. Milnes,
Miss I. Cornthwaite,	Mrs. M. Mitchell,
Mrs. G. I. Ellis,	Mrs. R. U. Nwachuku,
Miss L. Ferneyhough,	Mrs. M. Scarrott,
Mrs. M. Fisher,	Miss J. L. Smith,
Mrs. D. Goddard,	Mrs. O. Smith,
Miss M. L. Hampshire,	Miss M. Sorby,
Mrs. M. Jenkinson,	Miss A. D. Willoughby,
Mrs. M. M. Knowles,	Miss H. Wray,

### Assistants to Health Visitors :

Mrs. M. Lidster,	Mrs. N. M. Noble,
Mrs. G. Malpass,	Mrs. I. Senior.

### Midwives :

Miss J. Dearden,	Mrs. M. Panton,
Mrs. O. D. Edwards,	Mrs. N. Roe,
Mrs. J. Gross,	Mrs. A. E. Smith,
Mrs. J. Hanmer,	Miss D. A. M. Spencer,
Mrs. A. Hessam,	Mrs. D. A. Taylor,
Mrs. H. E. Hillery,	Mrs. M. Venables,
Miss K. A. A. Howland,	Mrs. R. Williams,
Mrs. V. J. Marley,	

### District Nurses :

Mrs. M. Brooks,	Mrs. A. Leaver,
Mrs. J. Cox,	Mrs. M. McCormack,
Mrs. S. R. Dickinson,	Mrs. A. E. Moore,
Mrs. E. E. Dixon,	Mrs. M. Probert,
Mrs. H. Dyson,	Miss E. Robinson,
Mrs. E. Elsworth,	Mrs. M. Waldron,
Mrs. E. Firth,	Mrs. O. M. Ashley,
Miss E. Gill,	S.E.N. (P.T.)
Mrs. I. Goldsbrough,	Mrs. M. L. Mann,
Mrs. B. W. Hucknall,	S.E.N. (P.T.)

**Mental Welfare Officers :**

Mrs. F. H. Redman,                      Miss D. Bailey.  
Mr. P. Leslie,

**Training Centre :**

Supervisor : Mrs. E. Lewis

Mrs. I. Ardron,	Mrs. McQuillan,
Mr. D. Beevers,	Mrs. E. Naylor,
Mrs. M. Clarke,	Mrs. M. Peasgood,
Mr. T. Garbett,	Mrs. C. Smith,
Mrs. M. L. Lewis,	Mrs. Stephenson
Mrs. J. D. Marshall,	Mrs. B. M. Thompson.

**Administrative and Clerical Staff :**

**Divisional Administrative Officer :**

Mr. P. Goddard

**Senior Clerk :**

Mr. A. Wilkinson

**Clerks :**

Mrs. J. Chantry (P.T.),	Mrs. M. Mason (P.T.),
Mrs. S. Clare,	Mrs. S. Moulson,
Miss J. Flavell, H.H.O.	Mr. E. K. New,
Mr. H. Haigh,	Mrs. F. M. Shaw,
Miss P. Hays,	Mrs. P. A. Sturman,
Miss J. E. Hutchinson,	Mrs. J. Thacker,
Mrs. L. Johnson,	Mrs. E. White,
Mrs. D. Law (P.T.).	Miss J. Worton.
Mrs. A. Mann,	



## DIVISIONAL VITAL STATISTICS

In considering the statistics discussed in the following paragraphs, it should be remembered that the rates quoted are based on relatively small numbers. There will therefore be fluctuations in these rates from year to year, but it is of value to note the trend of the differing rates over a period of years.

### **Live Births :**

In 1970 1,943 live births were registered which was 29 more than the number registered in 1969. The birth rate of 17.7 per thousand population was higher than the rate of 17.4 for the previous year. The birth rate in the Divisional Area is above the national average of 16.0 per thousand estimated population.

170 illegitimate live births were registered, representing 9% of the total. In England and Wales as a whole 8% of all births were illegitimate.

### **Deaths :**

The death rate for the Divisional Area was 11.6 per thousand estimated population compared with 11.2 in 1969. The rate for the West Riding Administrative County was 11.7, as was the rate for England and Wales as a whole.

### **Still births :**

38 stillbirths were registered compared with 26 in 1969. There was a corresponding increase in the stillbirth rate from 13.4 the previous year to 19.2 in 1970. The stillbirth rate for England and Wales was 13.0 per thousand live and stillbirths.

### **Infant Mortality :**

50 infants under the age of one year died in 1970. The infant mortality rate was 25.7 per thousand live births, compared with 27.7 in 1969. 27 of the 50 infants which died survived less than one week. Prematurity was a major cause of death, and 26 of these babies were under 5lbs. 8oz. in weight at birth. These figures are disappointing in view of the fact that 84% of all deliveries took place in hospital. The infant mortality rate for the West Riding Administrative County was 19.8, and for England and Wales 18.2.



### **Perinatal Mortality :**

The perinatal mortality rate relates to infants dying under one week of age and all stillbirths, and is calculated on a basis of a thousand live and stillbirths. This rate is considered to be a reliable guide as to the standard of maternity care in the area. 27 infants died in the first week of life and there were 38 stillbirths. The perinatal rate was therefore 32.8 per thousand live and stillbirths compared with 32.6 in 1969. The rates for the West Riding Administrative County and England and Wales for 1970 were 24.4 and 23.5 respectively.

### **Tuberculosis :**

6 deaths were recorded from tuberculosis of the respiratory system and 1 death from other forms of the disease. The death rate for all forms of tuberculosis was 0.06 per thousand of the estimated population.

### **Cancer :**

222 deaths were registered from all forms of cancer throughout the Division in 1970. This total is 22 more than in 1969, and the death rate per thousand estimated population was 2.02 compared with 1.85 the previous year.

Deaths from cancer of the lung totalled 58 which was 12 more than the total for 1969. 49 of these deaths occurred in males. The lung cancer death rate for the area was 0.53 per thousand of the estimated population, and compares with a rate for England and Wales of 0.62.

9 deaths were recorded in women with cancer of the uterus, and the death rate of 0.08 compares with an Administrative County rate of 0.09 per thousand population.

### **Cerebrovascular Diseases :**

146 deaths were recorded under this heading, compared with 167 in 1969. The death rate of 1.33 is lower than that for the West Riding Administrative County which in 1970 was 1.75 per thousand estimated population.

### **Heart and Circulatory Diseases :**

This group represents the most common cause of death and includes coronary diseases and angina. 451 deaths were registered, corresponding to a death rate of 4.11. The Administrative County rate was 4.44.

**Diseases of the Respiratory System :**

The death rate for diseases of the respiratory system in this Division is considerably higher than that for the County as a whole, being 2.41 per thousand population as against a County rate of 1.69. In all there were 264 deaths making this group of diseases second only to heart and circulatory diseases as the main cause of death. Reference to the following table will show how the death rate has steadily risen over the last six years :

1965	1.42	per thousand estimated population
1966	1.99	„ „ „ „
1967	1.56	„ „ „ „
1968	1.95	„ „ „ „
1969	2.01	„ „ „ „
1970	2.41	„ „ „ „

113 of the 264 deaths were due to bronchitis and emphysema, the so-called English disease which is due to infection and inflammation of the bronchi with resultant changes in the lung and heart. The condition is aggravated by cigarette smoking, atmospheric pollution and sudden changes in air temperature.

The effects of the disease can be limited by giving up cigarettes, adopting a clean air policy which the councils have very wisely extended, and by providing some form of back-ground heating in bedrooms.

**Maternal Mortality :**

For the second successive year a death which was associated with pregnancy was registered in the area.

The circumstances associated with this death were extremely rare and could not reasonably have been foreseen or prevented.

## LOCAL HEALTH AUTHORITY SERVICES

### Care of Mothers and Young Children - Section 22

#### Ante-Natal Clinics :

C.W.C. Welfare Avenue, Conisbrough.	Tuesday 2 - 4 p.m.	Dr. J. C. MacWilliam
C.W.C. Church Road, Denaby Main.	Wednesday 10 a.m. - 12 noon	do.
C.W.C. Welfare Park, Goldthorpe.	Thursday 2 - 4 p.m.	do.
C.W.C. Adwick Road, Mexborough.	Wednesday 2 - 4 p.m.	do.
C.W.C. Barbers Avenue, Rawmarsh.	Thursday 10 a.m. - 12 noon	Dr. Mary Scott
C.W.C. Rock House, Swinton.	Thursday 10 a.m. - 12 noon and 2 - 4 p.m.	Dr. H. H. Smith (Well-woman Clinic)
C.W.C. off Houghton Road, Thurnscoe.	Friday 10 a.m. - 12 noon	Dr. J. C. MacWilliam
C.W.C. Church Street, Wath-upon-Dearne.	Friday 2 - 4 p.m.	Dr. F. Amin

#### Attendances :

Clinic	No. of patients who attended	No. of Attendances
Conisbrough ...	9	42
Denaby Main ..	23	158
Goldthorpe ...	64	160
Mexborough ...	26	177
Rawmarsh Barbers Ave.	88	490
Swinton ...	27	218
Thurnscoe ...	22	189
Wath-upon- Dearne ...	60	164
<b>TOTAL</b>	<b>319</b>	<b>1598</b>



The decline in the number of expectant mothers attending Local Authority Ante-Natal Clinics has continued in 1970. However, there has been an increase in the number of G.P's using Local Health Authority premises for their ante-natal clinics, and the domiciliary midwives have been in attendance. The number of domiciliary deliveries also continues to decline, and in 1970 only 16% of confinements took place at home. It is interesting to note that the percentage of women attending Local Health Authority Ante-natal Clinics was also 16%.

Dr. J. C. MacWilliam continued as Medical Officer in charge of Ante-natal Clinics held in Conisbrough, Denaby Main, Goldthorpe, Mexborough and Thurnscoe, and he also holds a joint appointment of Senior Hospital Medical Officer at the Montagu Hospital, Mexborough.

Ante- natal relaxation classes are held at six centres in the Division, and attendances are detailed in the table below. Health Education activities form an essential part of these sessions.

Clinic						Attendances
Goldthorpe	...	...	...	...	...	200
Rawmarsh	...	...	...	...	...	487
Thurnscoe	...	...	...	...	...	127
Wath-upon-Deane	...	...	...	...	...	355
Conisbrough	...	...	...	...	...	69
						<hr/>
Total	...	...	...	...	...	1,238
						<hr/>

### Family Planning Clinics :

The Family Planning Association hold clinics at two centres in the Division as follows :—

Mexborough Child Welfare Centre—  
each Tuesday from 6.15 p.m. to 8.45 p.m.

Goldthorpe Child Welfare Centre—  
each Thursday from 10 a.m. to 12 noon.

Free facilities for treatment and advice are available to those mothers referred to the clinic by this Department for social reasons.

## Infant Welfare Clinics :

Sessions are held as follows throughout the year with the exception of Bank Holidays.

Centre	Medical Officer in Charge
C.W.C. Conisbrough Monday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Denaby Main Tuesday 2 - 4 p.m.	Dr. M. Bajorek
C.W.C. Goldthorpe Monday 2 - 4 p.m.	Dr. H. J. Powell
C.W.C. Mexborough Tuesday 2 - 4 p.m. Thursday 2 - 4 p.m.	Dr. M. E. J. Bolsover Dr. S. K. Pande
C.W.C. Rawmarsh (Monkwood) Thursday 2 - 4 p.m.	Dr. D. M. Bell
C.W.C. Rawmarsh (Barbers Avenue) Tuesday 2 - 4 p.m.	Dr. Jessica Core
C.W.C. Swinton Monday 2 - 4 p.m.	Dr. I. Campbell
C.W.C. Thurnscoe Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. J. Wilczynski (for both sessions)
C.W.C. Wath-upon-Dearne Monday 2 - 4 p.m. Tuesday 2 - 4 p.m.	Dr. D. M. Bell (for both sessions)
C.W.C. Kilnhurst Wednesday 2 - 4 p.m.	Dr. Jessica Core

## Attendances :

Centre	No. of individual children who attended	Total No. of Attendances	
		Under 1 year	Over 1 year
Conisbrough .....	634	1218	2168
Denaby Main .....	266	967	911
Goldthorpe .....	773	997	1743
Kilnhurst .....	260	575	979
Mexborough .....	765	1856	1987
Monkwood .....	358	637	846
Rawmarsh .....	513	1053	1073
Swinton .....	525	1084	1579
Thurnscoe .....	797	1734	2871
Wath-on-Dearne .....	867	1815	2972
	5758	11936	17129



There was an increase of over three thousand in the number of attendances made at Infant Welfare Clinics during the year compared with 1969, and the number of individual children who attended was also increased by five hundred.

National Welfare foods and a limited range of proprietary brands of foods are available for sale at Infant Welfare Clinics.

### Premature Infants :

A premature infant is defined as one which weighs  $5\frac{1}{2}$  lb. or less at birth.

159 premature births, including 8 sets of twins and 1 set of triplets, were notified in 1970. This total includes 25 stillbirths. Ninety per cent of these premature births took place in hospital, and 5 of the 13 premature babies born at home were later transferred to hospital.

26 deaths were recorded of premature babies, their birth weights being as follows :—

2 lbs or under	...	...	...	...	5
Between 2 and 3 lbs	...	...	...	...	6
Between 3 and 4 lbs	...	...	...	...	6
Between 4 and $5\frac{1}{2}$ lbs	...	...	...	...	9

108 of the 134 infants born alive survived over 28 days, representing a survival rate of 81%.

# PREMATURE INFANTS BORN IN 1970

District	Born Alive			Stillbirths			No. removed to Hosp. After Birth	No. surviving 28 days		
	At Home	In Hosp.	Total	At Home	In Hosp.	Total		Born at Home	Born in Hosp.	Total
Conisbrough .....	3	14	17	—	7	7	2	2	13	15
Dearne .....	4	36	40	—	7	7	1	4	26	30
Mexborough .....	—	14	14	—	3	3	—	—	11	11
Rawmarsh .....	4	33	37	—	3	3	2	4	29	33
Swinton .....	1	7	8	—	3	3	—	1	4	5
Wath-upon-Dearne .....	1	17	18	—	2	2	—	1	13	14
TOTALS	13	121	134	—	25	25	5	12	96	108

## Care of the Unmarried Mother and Child :

The County Council's Scheme for the unmarried mother and her child provides for financial responsibility for the maintenance of these unmarried mothers to be accepted by the County Council provided that the mothers are bona fide West Riding residents. Financial assistance covers a period of thirteen weeks excluding the lying-in period.

The success of the scheme in this area depends to a great extent on assistance received from the social workers of the Moral Welfare Councils, and I am grateful for this help.

141 illegitimate births were notified to this Department in 1970 by various agencies, and these cases are analysed below :

### Marital Status :

#### (1) Married :

(a) with previous illegitimate children	...	15
(b) without previous illegitimate children	...	29

#### (2) Single :

(a) with previous illegitimate children	...	13
(b) without previous illegitimate children	...	81

#### (3) Widowed or Divorced :

(a) with previous illegitimate children	...	1
(b) without previous illegitimate children	...	2

### Age Incidence :

(1) Under 15	...	...	...	...	1
(2) Age 15 - 19	...	...	...	...	66
(3) Age 20 - 24	...	...	...	...	27
(4) Age 25 - 29	...	...	...	...	30
(5) Age 30 - 39	...	...	...	...	16
(6) Age 40 and over	...	...	...	...	1

### Problem Families :

The Co-ordinating Committee of which the Divisional Medical Officer is Chairman, consists of representatives of the Health, Welfare, Education and Children's Departments of the County Council; Housing and Public Health Inspectors' Departments of the District Councils, an official of the

Department of Health and Social Security, Inspectors of the N.S.P.C.C., and the Welfare Officer of the National Coal Board. Frequent informal discussions and contacts are made with these representatives regarding individual problem families, particularly families where the County Council have a rent guarantee in operation.

Twenty-one families, in which there were 101 children, were the subject of rent guarantees in 1970 and of these, 16 cases were still under rent guarantee and supervision at the year end.

Of the 16 current cases, one case has been subject to rent guarantee since 1965, but there are at the moment no arrears of rent and providing the present satisfactory progress continues the guarantee can be withdrawn at the next review. 3 cases have been under supervision since 1967, 3 since 1968, 2 commenced in 1969 and 7 were new cases in 1970.

The rent guarantee in respect of four families was withdrawn during 1970. In two instances rehabilitation was not successful. A satisfactory conclusion was reached in one of the two remaining cases, the fourth family left the area.

In another case a decision on a rent guarantee was still the subject of discussion with the district council.

### MIDWIFERY—SECTION 23

17 fulltime midwives and 1 parttime midwife were employed in the divisional area at the 31st December, 1970. Mrs. M. L. Green, employed in the Denaby Main area, resigned during the year to take up an appointment as midwifery sister at the Montagu Hospital, Mexborough. Mrs. J. Godfrey left the midwifery service to take up training as a health visitor.

The number of hospital deliveries continued to increase during 1970, and consequently it was not necessary to fill the vacancies caused by the departure of Mrs. Green and Mrs. Godfrey. Three midwives attended refresher courses during 1970 to comply with Section "G" of the Rules of the Central Midwives Board.

Eighty-four per cent of all deliveries took place in hospital as against eighty-two per cent in 1969. A total of 1,988 live and stillbirths were recorded in the divisional area.



General practitioners attended 57 of the 320 home confinements, and midwives sought medical aid on 13 occasions. District midwives nursed 65 mothers who were confined in hospital and discharged up to forty-eight hours after delivery. A further 487 mothers discharged from hospital up to and including the fifth day, and 307 discharged between the fifth and tenth day were also visited by district midwives.

There are 5 well-attended relaxation clinics in the Division, and regular cervical cytology clinics at which midwives attend. In addition to the 8 ante-natal clinics run by the Local Health Authority, general practitioners held ante-natal clinics in County premises at which the district midwives assist.

## HEALTH VISITING—SECTION 24

At the 31st December, 1970, 19 qualified health visitors and 5 assistants to health visitors were employed in the Division. 3 of the health visitors undertook duties as field-work instructors. There were 3 appointments of qualified health visitors during the year, whilst 1 assistant health visitor transferred to the home nursing staff.

3 of the staff attended post-graduate refresher courses held at Bristol and Reading Universities, 3 attended in-service training courses at Grantley Hall and 2 of the staff attended special home safety conferences.

The Child Welfare Centre at Conisbrough was the venue for a one-day training course on the ascertainment of deafness in young children at which 32 health visitors from the south of the County attended.

4 trainee health visitors from the Health Visiting Course at the Sheffield Polytechnic were allocated to the three field-work instructors employed in the Division.

All qualified health visitors are attached to one or more general practices or group of general practices, and this co-operation between the two branches of the Health Service has proved of great benefit to all. A similar liaison has been in operation for over twenty years with the local hospitals.



The health visitor's duties include Health Education activities and her work in this sphere takes her into schools, mothers' clubs, church meetings, etc.

There are 4 mothers' clubs organised by health visitors at clinics in the Division, and all these are well attended and provide a varied programme of activities.

14,031 individual families were visited in 1970, more than half of which were to mothers with infants under five years of age. 2,309 old age pensioners were also visited. The following is a full analysis of the health visitor's work during the year :

#### Health Visiting and Tuberculosis Visiting :

	No. of Cases (i.e. first visits)
1. Total number of cases ... ..	14031
2. Children born in 1970 ... ..	1771
3. Children born in 1969 ... ..	1743
4. Children born in 1965/68 ... ..	4002
5. Total number of children in lines 2 ~ 4 ...	7516
6. Persons aged 65 or over (excluding 'domestic help only' visits) ...	2309
7. Number included in line 6 who were visited at the special request of a general practitioner or hospital ... ..	490
8. Mentally disordered persons ... ..	28
9. Number included in line 8 who were visited at the special request of a general practitioner or hospital ... ..	12
10. Persons, excluding maternity cases, dis- charged from hospital (other than mental hospitals) ... ..	371
11. Number included in line 10 who were visited at the special request of a general practitioner or hospital ... ..	173

12. Number of tuberculosis households visited (i.e. visits by health visitors not employed solely on tuberculosis work) ... ..	133
13. Number of households visited on account of other infectious diseases ... ..	45
14. Other Cases ... ..	3629

## HOME NURSING—SECTION 25

As in the case of the health visitors, all home nursing sisters are attached to general practices and have no longer defined districts. In areas where general practitioners hold their surgeries in clinic premises treatment can be arranged at the clinic, and during 1970 88 patients were so treated.

Home nursing sisters attended 2,065 cases in their own homes and the 18 wholtime staff made 56,522 visits during the year. Of these, 34,418 visits were made to 1,099 patients over sixty-five years of age.

Mrs. M. Herring retired from the service in December after many years of devoted service in the Dearne area. One nurse left the Home Nursing Service to take up training as a health visitor, and one left to take up an appointment abroad. 2 State Enrolled Nurses were appointed during the year and these were the first nurses other than State Registered Nurses to be employed on the district in this area.

3 nurses attended a course arranged by the County Council at Grantley Hall Adult College, Ripon.

The pattern of work has gradually changed throughout the years. The number of injections has decreased but more general nursing care is being provided, particularly for the elderly. It is now the pattern in this area to discharge geriatric patients after a short period in hospital, rather than keep them for long periods as in the past. It is therefore essential that there should be good liaison between hospitals, the Local Health Authority Services and the general practitioners if the geriatric patient is to receive the necessary care and aftercare.

2 student district nurses were trained by Mrs. M. Brooks, Home Nursing Sister at Thurnscoe, during the year and both were successful in their final examinations for the District Nursing Certificate.

The following is a summary of cases nursed by home nursing sisters during 1970 :

Case Summary :

Classification	No. of cases attended	No. of visits made
Medical .....	1,567	45,213
Surgical .....	408	9,586
Infectious Diseases .....	10	149
Tuberculosis .....	13	881
Maternal complications .....	45	457
Other .....	22	236
TOTALS: .....	2,065	56,522
Patients included above who were aged 65 or over .....	1,099	34,418
Children included above who were under 5 or less .....	81	440
Patients included above who have had 24 visits or more .....	521	36,512

The County Council operate a day and night nursing service to provide relief for relatives nursing patients with chronic illnesses. During the year 7 cases were provided with help totalling 1,161 hours at a cost of £375 in wages and travelling expenses.

VACCINATION AND IMMUNISATION—SECTION 26

The administrative arrangements for the vaccination and immunisation of all children born on or after 1st July, 1968, are now controlled by computer and the scheme is operating successfully. 28 of the 46 family doctors practising in the Division participate in the scheme.



On advice received from the Expert Committee on vaccination and immunisation, the following schedule has been adopted by the County Council :

Six Months :

Diph./Tet./Pert. and oral polio vaccine (first dose)

Eight Months :

Diph./Tet./Pert. and oral polio vaccine (second dose)

Fourteen Months :

Diph./Tet./Pert. and oral polio vaccine (third dose)

Sixteen Months :

Measles vaccination

Eighteen Months :

Smallpox vaccination

Five Years :

Diph./Tet. and oral polio vaccine, or

Diph./Tet./Polio vaccine. Smallpox revaccination

Eleven to Twelve Years :

B.C.G. vaccine

Fifteen Years :

Polio vaccine (oral or inactivated)

Tetanus Toxoid

Smallpox revaccination

Some general practitioners prefer to start the first course of immunisation before the infant is six months of age and the computer programme is flexible enough to take into account these variations.

#### Smallpox Vaccination :

	Date of Birth			Total
	1970	1965-68	1956-64	
Primary Vaccination	35	938	38	1011
Re-vaccination	—	4	16	20
Total	35	942	54	1031



## Diphtheria Immunisation :

	Date of Birth			Total	Booster Doses
	1967-70	1963-66	Others under 16 yrs.		
Number immunised	2044	13	1	2058	313

## Poliomyelitis Vaccination :

	No. of persons completely Vaccinated during 1970		Total persons completely Vaccinated at 31.12.70	
	3 Dose	4 Dose	3 Dose	4 Dose
Children born in years 1955 — 1970 .....	1971	309	28695	8794
Young Persons .....	—	—	20749	4936
TOTAL .....	1971	309	49444	13730

## AMBULANCE SERVICE—SECTION 27

Mr. H. Godley is the Station Officer at the local ambulance station sited at Dunford House, Wath-upon-Dearne. Mr. Godley has kindly supplied me with the following statistics relating to the Service :

No. of patients conveyed	...	...	...	...	39,942
No. of journeys	...	...	...	...	8,214
Total mileage 1/1/70 to 31/12/70	...	...	...	...	240,425

### Details of Journeys :

No. of patients to out-patients clinics	...	...	31,777
No. of patients for admission to hospital	...	...	3,722
No. of patients for discharge from hospital	...	...	2,705
No. of patients transferred from hospital to hospital	...	...	853
No. of patients from accidents	...	...	885
Total			39,942

In addition to Mr. Godley there is a staff of 35 including shift leaders and clerk/telephonists.

## PREVENTION OF ILLNESS—CARE AND AFTER CARE—SECTION 28

### Nursing Equipment in the Home :

A complete range of nursing equipment is available for loan to patients on the recommendation of the family doctor or hospital.

### Hospital After-Care :

Miss A. D. Willoughby, Health Visitor, visits the Montagu Hospital, Mexborough, and its Annexe at Sandygate, Wath-upon-Dearne, and Fullerton Hospital each week on liaison duties, continuing a practice started in 1950. Reports are provided for the hospital staff in respect of home circumstances both for patients and those on the waiting list for admission. Similarly, arrangements are made to meet the needs of the patient after discharge from hospital such as the home nursing service, home help, provision of home nursing equipment or follow-up by the health visitor.

Mrs. O. Smith, Health Visitor at Rawmarsh, acts in a similar capacity for the three Rotherham hospitals, and Mrs. M. Jenkinson is attached to the Wath Wood Hospital, Wath-upon-Dearne, for liaison purposes.

### Statistics Relating to Hospital Liaison

	Montagu H. Mexborough	Sandygate Annexe	Rotherham Hospital	Moorgate Gen. Hosp.	Badsley Moor Lane
No. of visits	97	42	46	52	8
Reports on home conditions	175	7	—	—	—
Geriatric investigations	49	5	—	71	—
Interviews	21	3	97	201	7

The Rotherham and Mexborough Hospital Management Committee have again expressed their appreciation of the work performed by the County health visitors.

### **Tuberculosis After-Care :**

12 cases of tuberculosis were notified in the divisional area during 1970, and 60 contacts of these cases were ascertained and referred to the Consultane Chest Physicians at Mexborough and Rotherham. As far as is known, no infectious cases of tuberculosis are in employment in the area.

Children with strongly positive reactions to Heaf testing in connection with the B.C.G. vaccination programmes in school are all referred to the nearest Chest Clinic for further investigation. In 1970 all these investigations proved negative.

Miss L. Ferneyhough continued her role as liaison health visitor at the Mexborough Chest Clinic. She maintains a constant check on the attendance of contacts at the Chest Clinic and notifies the appropriate health visitor of defaulters, enlisting their assistance on behalf of the Chest Physician when any problems or difficulties arise.

2,261 children were offered B.C.G. vaccination and of these 2,042 (90%) accepted. Subsequently, 1,877 were Heaf tested of which 1,582 had negative reactions and were vaccinated.

74 contacts of known cases of tuberculosis were vaccinated with B.C.G. by the chest physicians at the chest clinics.

### **Chiropody Service :**

The following is a summary of treatments provided during 1970 by the various voluntary agencies or by direct service :

## Summary of treatments :

Voluntary Association	Total Sessions	No. of Patients treated			No. of attendances
		Domi-ciliary	Non-Domi-ciliary	Total	
Bolton-on-Deerne O.A.P. Association .....	183	135	454	589	2320
Goldthorpe O.A.P. Association .....					
Thurnscoe O.A.P. Association .....					
Thurnscoe W.V.S. ....					
Mexborough Old Folk's Welfare Committee.....	150	150	336	486	1926
Swinton Aged Peoples Welfare Committee.....	140	128	323	451	1676
Rawmarsh Aged Peoples Welfare Committee.....	51	67	107	174	720
Wath-on-Deerne Aged Peoples Welfare Com'tee	176	311	354	665	2449
Total .....	700	791	1574	2365	9091
Direct Service					
Goldthorpe .....	29	46	94	140	418
Mexborough.....	145	103	281	384	1829
Rawmarsh .....	180	147	333	480	1882
Conisbrough-Denaby Mn.	126	103	274	377	1488
Total .....	480	399	982	1381	5617

## Cervical Cytology :

59 sessions were held during the year at which 712 women attended. 9 patients were referred to family doctors for investigation of minor abnormalities and there was one patient referred for further investigation.



## Joint Wardens Schemes for the Supervision of the Aged :

These schemes organised jointly by the County Council and Local District Councils provide for the supervision by wardens of aged persons both in units or other purpose built accommodation and in ordinary dwelling houses. The wardens may or may not be resident.

In many units there is some form of communication installed between the warden's flat and the individual dwellings.

The following are details of warden schemes in the various districts :

### Conisbrough :

- 6 resident wardens supervising schemes at :—  
Shepherds Close, Denaby Main.  
Community Centre, Conisbrough.  
Wellgate Flats, Conisbrough (2 wardens)  
Barton Place, Conisbrough.  
Graganour Place, Denaby Main.
- 1 warden is employed for the supervision of old people in private houses in Denaby Main.

### Dearne :

- 12 wardens supervising schemes at :—  
Chestnut Grove, Thurnscoe.  
Low Grange Road, Thurnscoe (2 wardens)  
Market Square, Goldthorpe.  
King Street, Goldthorpe.  
Green Gate Close, Bolton-on-Dearne.  
Goldthorpe Road, Goldthorpe.  
Hawthorne Flats, Thurnscoe.  
Windsor Court, Thurnscoe.  
Saltersbrook Flats, Highgate  
Ladycroft, High Street, Bolton-on-Dearne.  
Church Street Flats, Thurnscoe.

### Mexborough :

- 7 wardens supervising schemes at :—  
Pitt Street, Mexborough.  
Crossgate and Montagu Street, Mexborough.  
Highwoods Road, Mexborough.  
Oak Close, Mexborough.  
Maple Leaf Court, Mexborough.  
Hallgate, Mexborough.  
Coniston Court, Mexborough.
- There are also 7 wardens for private properties in Mexborough.

Rawmarsh :

3 wardens supervising bungalows in :—  
Greenfield, Rawmarsh.  
Arcon Place, Rawmarsh.  
Rockcliffe Road/Barbers Avenue, etc.

Swinton :

6 wardens supervising schemes in :—  
Kilnhurst bungalows.  
St. Johns Road bungalows, Swinton.  
Meadow View bungalows, Kilnhurst.  
Thomas Street Estate, Swinton.  
Highfield Estate, Swinton.  
Brameld Road, Swinton.

Wath-upon-Dearne :

6 wardens supervising schemes at :—  
Almond Place, Wath.  
Barnsley Road/Edward Road, etc., Wath.  
Brampton Road/Christchurch Road,  
West Melton.  
Blake Avenue/Wordsworth Road/  
Christchurch Road, etc., West Melton.  
Varney Road/Mount Pleasant Road, etc.,  
Wath.  
Chapel Street/Cemetery Road, etc., Wath.

Meals on Wheels :

This service is provided to persons of pensionable age who are suffering from malnutrition or who are unable to cook their own meals due to disability or illness and have no-one else to cook their meals for them. Containers for the service are provided by the County Council who also subsidise the meals as necessary. The recipient is charged 5p per meal.

Urban District	No. of Persons	Frequency	Total meals Weekly
Conisbrough	60	Twice weekly	120
Dearne	96	Served to 48 persons twice weekly over four days	192
Mexborough	102	Twice weekly	204
Rawmarsh	50	Twice weekly	100
Swinton	48	Twice weekly	96
Wath-on-Dearne	52	Served to 26 persons twice weekly over four days	104
TOTALS	408		816

## HEALTH EDUCATION

### Health Visiting :

The health visitors have devoted a great deal of time to Health Education activities during 1970 and had the extra support provided by the appointment of Dr. E. M. Harvey, a part-time medical officer for Health Education activities.

Dr. Harvey visited all heads of schools in the area to discuss ways and means of achieving better co-operation between the two departments.

Subsequently, a number of health visitors undertook periods of teaching in school, particularly in the secondary schools, when all aspects of Health Education were covered.

At Wath-upon-Dearne Grammar School the headmaster, Dr. Harvey, and the health visitors arranged a post 'O' level seminar in July 1970. This course extended over a week and over 1,500 attendances were recorded. We were encouraged to organise a similar course during the year 1971. Three of the senior schools arranged similar projects on a similar scale.

A successful home safety exhibition was held at the Child Welfare Centre, Wath-upon-Dearne, during the period 11th to 21st May. 1,886 children and 337 adults attended the exhibition.

In conjunction with the Department of Further Education at Wath-upon-Dearne, classes have been organised for pre-school play group leaders and their helpers, and these proved most successful.

## DOMESTIC HELP SERVICE — SECTION 29

1,719 cases were provided with domestic help and the 176 home helps employed provided a total of 173,656 hours of assistance.



There was an increase of 75 in the number of cases assisted compared with 1969, and the number of hours home helps were employed also showed an increase of 600.

Establishment of Home Helps ... ..	83.75
No. of domestic helps employed at 31.12.70 part-time (equivalent of 83.25 full-time)	176

**Cases receiving assistance :**

	No. of Cases	Hours
(1) Maternity (including expectant mothers)	9	227
(2) Chronic Sick		
(a) Aged 65 and over ... ..	1,566	162,353
(b) Aged under 65 and including tuberculosis ... ..	119	9,772
(3) Others ... ..	13	497
(4) Mentally disordered ... ..	12	807
	<hr/>	<hr/>
Totals ...	1,719	173,656
	<hr/>	<hr/>

## MENTAL HEALTH SERVICE

**Subnormal or Severely Subnormal :**

Number under care and guidance ... ..	539
Number of ascertainments ... ..	8
Number attending training centre ... ..	146

**Mentally Ill :**

Number discharged from psychiatric hospital ...	71
Number requiring after-care ... ..	419
Number of visits involved for after-care and patients referred from out-patient clinics ... ..	2,931
Number of cases referred to out-patient psychiatric clinics ... ..	104
Number referred to rehabilitation centres ... ..	2
Number referred to Youth Employment Office under 17 years of age ... ..	7



**Out-Patient Clinics :**

Monday and Thursday—

Montagu Hospital, Mexborough.

Consultant—Dr. K. Myers.

Miss D. Bailey and Mr. P. Leslie attend in turn.

Mrs. F. H. Redman.

Liaison is also maintained with the following hospitals :

Doncaster Gate Hospital, Rotherham.

Consultants—Dr. Addis and Dr. Parkin.

Moorgate General Hospital, Rotherham.

Consultant—Dr. Addis.

Northern General Hospital, Sheffield.

Consultant—Dr. Kelly.

**Mentally Subnormal Patients not attending Training Centre :**

Number resident in hostels	...	...	...	...	...	3
Males—working full-time	...	...	...	...	...	29
Males—working part-time	...	...	...	...	...	4
Females working full-time	...	...	...	...	...	24
Males occupied at home ...	...	...	...	...	...	27
Females occupied at home	...	...	...	...	...	46

**Psychiatric Club :**

At the 31st December, 1970, the membership of the Club, which was founded in 1961, was 80 and an average attendance of 50 was recorded during the year.

The Club provided companionship, occupational therapy and social activities for those who had been mentally ill.

During the summer months outings were arranged and 16 patients were taken on a holiday to the Rotary Camp at Castleton in Derbyshire.

Additionally, evening sessions at which dressmaking, millinery, embroidery and physical culture are taught were arranged in conjunction with the Rockingham Institute of Further Education.

## Training Centre :

147 adults and children were in attendance at the Training Centre for the Mentally Handicapped, Oak Road, Wath-upon-Deane, at the end of 1970.

The Centre has three departments, the Junior Wing, Adult Wing including workshops, and the Special Care Unit. A modern dining room and kitchen is included in the complex, and 11 staff, including a Supervisor, are employed.

Coaches and minibuses are hired to convey trainees to and from the Centre each school day.

There is a flourishing parent-teacher association which holds regular meetings throughout the year and raises considerable sums of money for the benefit of the trainees.

Both seniors and juniors enjoyed a day's outing at the seaside, and the County Council contributed £40 towards the expenditure. The balance was made up out of Centre funds. Similarly, a grant of £10 is provided by the County Council towards the cost of Christmas festivities at the Centre.

The County Council provides the materials for over two hundred different contracts and the Centre trainees make up these materials under supervision to County Supplies specification. The completed articles are despatched in batches to the County Supplies Department, and the Training Centre receives the appropriate credit for all work completed. Contracts completed during the year included clothes horses, workholder cases, firewood, table tennis bats, work aprons, enuresis alarm pads, playhouse screens, first aid cabinets, timber sheds, etc.

## SCHOOL HEALTH SERVICE

Two full-time school medical officers were employed in the school health service during 1970, and their services were supplemented by the employment of general practitioners on a part-time basis.

In accordance with agreed County policy in regard to the work of the school health service, the former pattern of periodic routine examinations of certain age groups, with infrequent visits to the schools by the school medical officers, was discontinued. Instead arrangements were made for the doctors to visit each school at least once a term so that discussion can take place on any problems as they arise.

The medical examination of a child at school entrance is regarded as the most important examination in its school life and offers the opportunity of surveying the child's physical and emotional development. As far as possible this examination is carried out prior to the child's admission to school and is undertaken at the clinic, where conditions are better than in the school itself.

So far as other periodic examinations are concerned these are discontinued, and instead selective examinations are undertaken at 2—3 yearly intervals throughout school life ; the children selected for this examination being those where some defect has been noted at the entrance examination, or children referred to the school medical officer by the teaching staff.

All children in school have their vision checked annually, and an assessment of colour vision is made not later than 10—11 years of age. At approximately 6—7 years of age and 10—11 years of age all children are tested for hearing by the use of a pure-tone audiometer.

The following tables give statistics in respect of the school health service during the past year :

Table I

Inspection of School Children 1970 :

Entrants	...	...	...	...	...	...	...	2,030
First Year Secondary	...	...	...	...	...	...	...	—
Last Year Secondary	...	...	...	...	...	...	...	117
Total								2,147
No. of special inspections	...	...	...	...	...	...	...	750
No. of re-inspections	...	...	...	...	...	...	...	118
Total								868
Total Inspections	...	...	...	...	...	...	...	3,015

Physical Condition of Pupils Inspected :

Satisfactory	...	...	...	...	...	...	...	100%
Found to require treatment	...	...	...	...	...	...	...	—



**Table II**

Cleanliness and Head Infestation :

Total No. examinations made for this purpose...	18,980
Total No. found infested ... ..	548
Total percentage found infested ... ..	2.9%

**Table III**

Care of Handicapped Children :

Milton Day School—E.S.N. ... ..	100
Residential School—E.S.N. ... ..	4
Residential School—Deaf or Partially Deaf ...	9
Residential School—Deaf E.S.N. ... ..	—
Residential—Blind ... ..	2
Residential School—Partially Sighted ... ..	—
Residential School—Delicate ... ..	3
Residential School—Cerebral Palsy ... ..	4
Residential School—Physically Handicapped excluding Cerebral Palsy ... ..	11
Residential School—Epileptic ... ..	—
Residential School—Maladjusted ... ..	2
Total ... ..	135

**Table IV**

B.C.G. Vaccination 13 Years and Older School Children :

No. of children offered testing and vaccination if necessary ... ..	2,261
No. of acceptances ... ..	2,042
Percentage of acceptance ... ..	90.3%

Pre-vaccination Tuberculin Test :

No. tested ... ..	1,877
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Result of Test :

No. positive	...	...	...	...	...	...	...	...	222
No. negative	...	...	...	...	...	...	...	...	1,583
No. not ascertained	...	...	...	...	...	...	...	...	177
Percentage positive	...	...	...	...	...	...	...	...	11.8%
No. vaccinated	...	...	...	...	...	...	...	...	1,583

Table V

Audiometry :

No. tested	...	...	...	...	...	...	...	...	2,750
No. with no loss	...	...	...	...	...	...	...	...	2,482
No. referred to School Audiology Clinic	...	...	...	...	...	...	...	...	268

Dr. J. D. Orme is Consultant in charge of the Child Guidance team at the clinic which is held each Monday and Friday at Rock House, Swinton. I am grateful to Dr. Orme and his colleagues for their invaluable assistance during the year.

The Division is also fortunate in having the services of Miss M. A. C. Jones, Consultant Ophthalmologist, and Dr. S. K. Bannerjee, to whom all visual defects are referred.

HOSPITAL SERVICES

The hospital services for the area are administered by the United Sheffield Hospitals, Sheffield Regional Hospital Board, with the following hospital management committees; Sheffield No's. 1, 2 and 3, Rotherham, Barnsley and Doncaster.

General hospital services :

- Sheffield Royal Hospital
- Sheffield Royal Infirmary
- Sheffield City General Hospital
- Rotherham Moorgate and Doncaster Gate Hospitals
- Barnsley Beckett and St. Helen Hospitals
- Doncaster Royal Infirmary
- Mexborough Montagu Hospital

### **Infectious Diseases hospital services :**

Kendray Isolation Hospital

Doncaster Tickhill Road Hospital

Sheffield Lodge Moor Hospital

### **Maternity hospital services :**

Sheffield Jessop Hospital

Rotherham Moorgate Hospital

Mexborough Montagu Hospital

Barnsley St. Helen Hospital

Listerdale Maternity Home

### **Chest Clinics :**

Mexborough Chest Clinic—Dr. J. D. Stevens

Rotherham Chest Clinic—Dr. A. C. Morrison

### **Laboratory Services :**

Bacteriological examinations are carried out at the Public Health Laboratories at Wakefield (Director : Dr. L. A. Little) and at Sheffield (Director : Dr. E. H. Gillespie).

# NURSERIES AND CHILD-MINDERS REGULATION ACT, 1948

as amended by the  
HEALTH SERVICES AND PUBLIC HEALTH ACT, 1968

Premises registered under the Act at the end of the year

Name and Address of Premises	No. of places provided	*Type of care provided		No. of visits of inspection during the year
		All day	Ses-sional	
'Strathmore', Sandygate, Wath-on-Dearne.	30		Yes	9
Central Hall, Thurnscoe.	24		Yes	16
The Youth Centre, Adwick Rd, Mexborough.	25		Yes	10
Rectory B, Rawmarsh.	24		Yes	6
The Youth Centre, Kilnhurst.	24		Yes	6
The Church Hall, Brampton.	24		Yes	6
The Wesley Church Hall, Conisbrough.	20		Yes	6
Baptist Chapel Hall, Conisbrough.	24		Yes	6
The Youth Centre, Festival Road, Wath-on-Dearne.	24		Yes	8
The Methodist Hall, Market Street, Goldthorpe.	24		Yes	6
Red House, Tickhill Street, Denaby.	24		Yes	8
The Methodist Hall, Chapel Street, Wath-on-Dearne.	24		Yes	8
St. Aiders Church Hall, Adwick Road, Mexborough.	24		Yes	4

### **Child Minders :**

11 daily child minders were registered under the Act at the end of 1970. 2 were registered to care for 10 children each on a sessional basis and were inspected on 6 occasions during the year. The remaining 9 looked after a total of 11 children, 1 on a sessional basis and 8 providing all day care. 13 visits of inspection were made to these 9 homes.



Sections "C" "D" and "E" have been contributed by  
Mr. H. Brearley, Chief Public Health Inspector.

## SECTION "C"

### SANITARY CIRCUMSTANCES OF THE AREA

#### PUBLIC CLEANSING

##### Refuse Collection

Refuse collection rounds were reduced from six to five, and one new "Ramillies" vehicle was purchased to add to the two Ramillies vehicles in service. Two Karrier Bantam side loading vehicles were also used. Owing to absenteeism through sickness, four extra employees had to be carried to enable full, or near full teams to operate. To endeavour to overcome this situation, an interim bonus scheme was introduced, and men leaving the service were not replaced. By the year end, the staff had been reduced by six employees. For a while, absenteeism decreased but gradually more absenteeism became evident.

In the autumn the employees joined a national strike of Council employees, and for a period of three weeks no refuse collection took place. The Council authorised the issue of paper sacks to householders in which to store refuse until the strike was over. When the employees returned to work, overtime was put into operation to make up the leeway, and this took nearly 4 weeks to achieve.

The Council commissioned a Work Study Unit to prepare a Work Study report in the autumn, to enable the introduction of a new Bonus Scheme, but when the scheme was finally published, the employees rejected it.

The number of dustbin premises visited during the year was 295,400. 221 new dustbins were issued under the Municipal Bin Scheme.

##### Refuse Disposal

Tipping continued at the Pastures Road controlled tip, though it was clear that available space was diminishing fast. Negotiations still continued with the owner of adjoining land for a further site, and for which planning permission had been obtained. Levelling at the tip was carried out with a J.C.B. machine, but difficulties arose when the driver was absent through illness for a long time.

3,528 loads of refuse and 1,166 loads of trade refuse were dealt with during the year.

The indiscriminate disposal of litter and certain types of garden and household refuse prompted the Council to select sites in the area where this type of refuse may be deposited for collection by the Council employees. A number of bins were also supplied at the sites, but in several instances the sites were misused, the fences broken down and the bins stolen.

## Salvage

Income from salvage was only £939.0.0 resulting from the sale of 78 tons 5 cwts. of fibreboard. These figures compared badly with those of the previous year, namely £1,421.18.6 and 124 tons, 12 cwts. 3 qrs. Quite an appreciable amount of paper and cardboard was lost during the refuse men's strike, and tradespeople employed private firms to collect their waste. This lost source of supply was not recaptured by the year end.

## CONTROL OF PESTS ACT, 1949

### Destruction of Rats and Mice

(Prevention of Damage by Pests Act, 1949)

The level of infestation of rats and mice was on the same scale as the previous year. There were no major infestations, and one full time operator was employed. There were no problematical cases found and details of the properties involved, and inspections and treatment, are given below :—

Number of properties in the district	...	...	...	7,104
Properties inspected following notification	...	...	...	139
Number infested by rats	...	...	...	79
Number infested by mice	...	...	...	60
Total number of properties inspected for rats and/or mice for reasons other than notification	...	...	...	12
Number infested by rats	...	...	...	8
Number infested by mice	...	...	...	4

## Disinfestation

As in the previous year, there were less cockroach infestations but an increase in clover mites was evidenced, particularly at the new Windhill area housing development. The demolition of many sub-standard houses helped to reduce the number of cockroach infestations. The number of premises treated for the reasons stated was as follows :—

Ants	10	Cockroaches	13
Clover mites	15	Flies	1
Bees	2	Fleas	2

## Animal Destructor

This service was continued in co-operation with the R.S.P.C.A. and a total of 225 dogs and 17 cats were humanely destroyed on behalf of the owners. There were 124 dogs dealt with for the Police.

## Sanitary Circumstances of the Area

Atmospheric pollution continued to be a problem in the district. Although two Smoke Control Orders were in operation, the Council were obliged to revoke the Orders temporarily owing to a shortage of solid smokeless fuels during the winter months. This action postponed the making of further Orders and hence the delay in the Smoke Control programme. Several complaints were made during the year about the emission of grit from the local generating station, and certain remedial work was carried out by the Central Electricity Board.

Land starvation for the disposal of refuse was another problem, one which is common to most authorities in the South Yorkshire area. Negotiations were opened for the utilisation of land in the Pastures Road area for short term use. In the meantime official talks regarding incineration of refuse were carried out with representatives of adjoining authorities. Although the sub-standard housing area of the town had been cleared over the years, there were still small areas left and the Council embarked on a 4 year programme embracing 64 dwellings.



## Water Supply

The whole of the water supply of the district was provided by Sheffield Corporation Waterworks Department, and the service was found to be adequate in quantity and quality.

104 samples were taken for bacteriological examination and found to be satisfactory.

## Sewage Disposal

The new Sewerage Disposal Plant was put into commission during the year.

## Sanitary Inspections of the District

Details of the inspections carried out during the year were as follows :—

Factories	...	...	...	...	14
Bakehouses	...	...	...	...	19
Temporary Dwellings	...	...	...	...	5
Rats and Mice	...	...	...	...	1,836
Shops	...	...	...	...	297
Infectious Diseases	...	...	...	...	10
Houses	...	...	...	...	2,248
Slaughterhouses	...	...	...	...	157
Ice-Cream Premises	...	...	...	...	42
Restaurants and Cafes	...	...	...	...	18
Other Food Premises	...	...	...	...	319
Cowsheds, Dairies and Milk Shops	...	...	...	...	53
Smoke Inspections	...	...	...	...	12
Miscellaneous	...	...	...	...	63
Vermin Infestation	...	...	...	...	174
Hairdressers	...	...	...	...	23

## Complaints

478 complaints were received during the year, this figure being less than that of the previous year. As in former years, the complaints were chiefly concerning housing repairs and leakage of subsoil water into cellars in low lying areas.



## Overcrowding

There was no case of excessive overcrowding reported to the Department.

## Caravan Sites—Control of Development Act, 1960

There was only one caravan site in the town, that being situated in Church Street, and accommodated 17 residential caravans. The site was reasonably well kept and there were no complaints received.

It was noted particularly during the year under review that there were less itinerant traders visiting the area. Many of the sites chosen for their temporary stop by the itinerant traders had been put to other uses by the Council, such as housing development and park land, and it was more difficult for caravans to find temporary resting places.

## Atmospheric Pollution

Two Smoke Control Orders were in operation covering the Windhill areas, but owing to a shortage of solid smokeless fuels towards the year end, the Council made application for a temporary withdrawal of the Orders, and this was agreed to by the Ministry. Work was put in hand for the preparation of a further Smoke Control Order, but this was temporarily abandoned again owing to the shortage of solid smokeless fuels.

One deposit gauge situated by the Council Offices was used for recording the deposit of total solids per square mile per month, and it is interesting to note that the figures for the year were much below those of the previous year. The figure for January, i.e. 51.11 tons, was an extraordinary figure, no doubt, due to interference with the deposit gauge.

7 lead peroxide instruments were stationed in different areas to measure sulphur dioxide in the atmosphere. On the whole, the figures throughout the year were steady and the figures were slightly lower on average than those of the previous year. This trend has been noticed for the past few years, and there were several readings of less than 1.0 mgs. of sulphur dioxide collected by 100 square centimetres of lead peroxide. All the pollution figures obtained were conveyed to the Department of Scientific and Industrial Research.

# DEPOSIT GAUGE READINGS — PERIOD JANUARY—DECEMBER 1970

Site of Gauge — In front of the Urban District Council Offices, corner  
 of Adwick Road and Doncaster Road, Mexborough.  
 Gauge Number — D.326.  
 Metric Factor — (g. deposit to g/100m. 2) 1302.  
 British Factor — (g. deposit to tons/mi. 2) 33.19

Analysis of Matter Collected in Atmospheric Deposit Gauge per Calendar month		Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WATER pH Value TOTAL UNDIS- SOLVED MATTER Soluble in CS <sub>2</sub> Ash Other Combustible Matter TOTAL DISSOLVED MATTER Ca++ Cl— SO <sub>4</sub>	m.m. rain	65.00 3.8	42.00 5.1	35.00 5.3	67.00 4.5	4.00 4.7	18.00 6.1	46.00 6.8	58.00 4.4	26.00 5.5	124.00 4.00	26.00 3.9	two months together
	tons per sq. mile	17.59 0.07	4.88 0.07	8.26 0.03	10.19 0.07	4.05 0.03	10.59 0.07	9.66 0.07	6.74 0.07	3.45 0.03	14.21 0.30	4.94 0.03	
	"	5.11	3.92	6.44	7.77	2.92	8.50	6.37	3.55	2.26	10.82	3.78	
	"	12.41	0.89	1.79	2.35	1.10	2.02	3.22	3.12	1.16	3.09	1.13	
	"	33.52	5.94	7.27	8.83	5.14	5.14	4.38	5.91	3.62	16.86	7.37	
	"	0.80	0.66	0.90	1.33	0.60	0.73	0.77	0.90	0.56	1.36	0.63	
	"	3.65	1.66	1.43	1.73	0.63	0.60	1.53	1.03	0.53	3.19	1.53	
	"	3.22	2.26	2.85	3.38	1.83	1.99	1.53	2.22	1.36	6.04	2.79	
	tons per sq. mile	51.11	10.82	15.53	19.02	9.19	15.73	14.04	12.65	7.07	31.07	12.31	
	TOTAL SOLIDS												

The lead peroxide instruments and deposit gauge readings are enclosed.

SULPHUR GAUGE READINGS -- 1970  
Wt. Ba SO4

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO3 collected Mg/100 sq.cm/day
Jan. 1970	Bailey .....	100.0	304.0	4.0	300.0	1.72
	Highwoods .....	99.0	475.0	4.0	471.0	2.72
	Hanby .....	98.0	73.0	4.0	69.0	0.40
	Market Hall .....		No	Record		
	Sewage Works.....	101.0	340.0	4.0	336.0	1.90
	Water Tower .....	99.0	403.0	4.0	399.0	2.31
	1st Y.E.P. ....	100.0	311.0	4.0	307.0	1.76
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	100.0	411.0	4.0	407.0	2.33
Feb. 1970	Bailey .....	110.0	213.0	4.0	209.0	2.32
	Highwoods .....	101.0	234.0	4.0	230.0	2.52
	Hanby .....	100.0	83.0	4.0	79.0	0.88
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	99.0	191.0	4.0	187.0	2.09
	1st Y.E.P. ....	98.0	220.0	4.0	216.0	2.44
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	227.0	4.0	223.0	2.50
Mar. 1970	Bailey .....	100.0	209.0	4.0	205.0	1.53
	Highwoods .....	99.0	262.0	4.0	258.0	2.89
	Hanby .....	98.0	151.0	4.0	147.0	1.66
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	100.0	305.0	4.0	301.0	3.33
	1st Y.E.P. ....	100.0	174.0	4.0	170.0	1.88
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	115.0	4.0	111.0	1.25
April 1970	Bailey .....	100.0	137.0	3.0	134.0	1.28
	Highwoods .....	99.0	158.0	3.0	155.0	1.49
	Hanby .....	99.0	95.0	3.0	92.0	0.89
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	100.0	186.0	3.0	183.0	1.75
	1st Y.E.P. ....	101.0	211.0	3.0	208.0	1.96
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	100.0	185.0	3.0	182.0	1.74
May. 1970	Bailey .....	98.0	157.0	3.0	154.0	2.25
	Highwoods .....	100.0	193.0	3.0	190.0	2.68
	Hanby .....	99.0	123.0	3.0	120.0	1.73
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	101.0	210.0	3.0	207.0	2.93
	1st Y.E.P. ....	100.0	187.0	3.0	184.0	2.63
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	100.0	196.0	3.0	193.0	2.76



# SULPHUR GAUGE READINGS — 1970 (continued)

Wt. Ba SO<sub>4</sub>

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO collected Mg/100 sq.cm/day
June. 1970	Bailey .....	100.0	129.0	3.0	126.0	1.44
	Highwoods .....	99.0	171.0	3.0	168.0	1.94
	Hanby .....	101.0	121.0	3.0	118.0	1.34
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	100.0	172.0	3.0	169.0	1.93
	1st Y.E.P. ....	100.0	163.0	3.0	160.0	1.83
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	169.0	3.0	166.0	1.92
July 1970	Bailey .....	99.0	97.0	3.0	94.0	1.05
	Highwoods .....	100.0	94.0	3.0	91.0	1.01
	Hanby .....	100.0	68.0	3.0	65.0	0.72
	Market Hall .....		No	Record		
	Sewage Works .....		No	Record		
	Water Tower .....	101.0	111.0	3.0	108.0	1.18
	1st Y.E.P. ....	100.0	102.0	3.0	99.0	1.10
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	114.0	3.0	111.0	1.24
Aug. 1970	Bailey .....	101.0	75.0	4.0	71.0	0.78
	Highwoods .....	100.0	86.0	4.0	82.0	0.91
	Hanby .....	99.0	48.0	4.0	44.0	0.49
	Market Hall .....		No	Record		
	Sewage Works .....		No	Record		
	Water Tower .....	100.0	126.0	4.0	122.0	1.35
	1st Y.E.P. ....	100.0	80.0	4.0	76.0	0.84
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	134.0	4.0	130.0	1.45
Sept. 1970	Bailey .....	101.0	136.0	4.0	132.0	1.50
	Highwoods .....	100.0	142.0	4.0	138.0	1.58
	Hanby .....	100.0	105.0	4.0	101.0	1.16
	Market Hall .....		No	Record		
	Sewage Works .....		No	Record		
	Water Tower .....	99.0	152.0	4.0	148.0	1.71
	1st Y.E.P. ....	101.0	138.0	4.0	134.0	1.52
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	100.0	216.0	4.0	212.0	2.42
Oct. 1970	Bailey .....					
	Highwoods .....					
	Hanby .....					
	Market Hall .....					
	Sewage Works .....					
	Water Tower .....					
	1st Y.E.P. ....					
	2nd Y.E.P. ....					
	Maple Road, Highwoods Est.					



SULPHUR GAUGE READINGS — 1970 (continued)

Wt. Ba SO4

Period	Station	Area Exposed in Sq. Cm.	In Sample (Mg)	In Control (Mg)	Due to Exposure (Mg)	Wt of SO3 collected Mg/100 sq.cm/day
Nov. 1970	Bailey .....	100.0	262.0	4.0	258.0	1.45
	Highwoods .....	101.0	443.0	4.0	439.0	2.45
	Hanby .....	99.0	159.0	4.0	155.0	0.88
	Market Hall .....		No	Record		
	Sewage Works.....		No	Record		
	Water Tower .....	100.0	315.0	4.0	311.0	1.75
	1st Y.E.P. ....	99.0	335.0	4.0	331.0	1.88
	2nd Y.E.P. ....		No	Record		
	Maple Road, ....	100.0	448.0	4.0	444.0	2.52
	Highwoods Est.	Two months record above (October-Novemb)				
Dec. 1970	Bailey .....	99.0	234.0	4.0	230.0	2.35
	Highwoods .....	100.0	316.0	4.0	312.0	3.15
	Hanby .....	100.0	130.0	4.0	126.0	1.27
	Market Hall .....		No	Record		
	Sewage Works		No	Record		
	Water Tower .....	101.0	240.0	4.0	236.0	2.19
	1st Y.E.P. ....	100.0	304.0	4.0	300.0	3.03
	2nd Y.E.P. ....		No	Record		
	Maple Road, Highwoods Est.	99.0	261.0	4.0	257.0	2.62

## Factories :

There were 40 factories registered with the Authority in the present year. Most of them were of small light industry and there was a reduction of 5 from the records of the previous year. As was stated in the report for the previous year, several small factories had to be demolished for the new Relief Road and most of these had either gone out of business or moved into adjoining authorities.

The Council tried to open an industrial site adjoining Whitelea Grove, with a view to attracting industry to the area, but the efforts were not fruitful.

14 inspections were made and the following defects were found and remedied :—

Choked drains .....	5
Choked W.C.'s .....	5

## Hairdressers

There were 27 ladies' and 14 gentlemen's hairdressers registered and no complaints were received.

## Offices, Shops and Railway Premises Act 1963

The number of premises registered under the above Act were as follows :—

Offices .....	83
Retail shops .....	162
Wholesale shops/warehouses .....	15
Catering establishments open to the public	25
Fuel storage depots .....	4

The following number of persons were employed in the registered premises :—

Offices .....	308
Retail Shops .....	731
Wholesale shops/warehouses .....	59
Catering establishments open to the public	91
Canteens .....	2
Fuel storage depots .....	11
Total ...	1202
Total males employed .....	464
Total females employed .....	738

## SECTION "D"

### HOUSING IN THE AREA

The total number of houses in the district was 5,813.

#### House Erection

During the year 59 new dwellings were provided, 34 by the local authority and 16 by private enterprise. This development was in the area adjoining the present Windhill estate.

#### House Clearance and Demolition

A four year Slum Clearance programme, including 64 houses was drawn up and during the year one Clearance Order comprising 22 houses was made and 7 houses were dealt with as individual unfit houses. There were now no large areas of unfit houses to be dealt with, these having all been dealt with in the previous programmes.

#### Housing Inspection and Repairs

Chimneys repaired .....	6
Roofs repaired .....	18
Eaves gutters repaired .....	23
Walls repaired .....	13
Windows repaired .....	17
Steps repaired .....	1
Handrails provided .....	1
Doors repaired .....	2
Plasterwork renewed .....	47
New sinks provided .....	2
Waste pipes renewed .....	4
Kitchen ranges repaired .....	9
Firebacks renewed .....	6
Floors repaired .....	5
Water in cellars cleared .....	21
Choked drains cleansed .....	71
New manholes provided .....	3
Smoke nuisances abated .....	1
Rain water pipes repaired .....	5
W.C.'s repaired .....	9
Damp walls remedied .....	20
Drains repaired .....	8
Burst pipes repaired .....	1
Miscellaneous .....	6
Total ...	299

## Statutory Notices

12 Statutory Notices were served under Section 93 of the Public Health Act 1936 and these were eventually complied with.

## Housing Improvements

There were 87 applications for improvements of houses, and each application was approved. By the end of the year 67 houses had been completed. These figures were in excess of those for the previous year, as more owners of properties were taking advantage of the grants being offered.

## Assisted House Purchase

The Council made 31 advances in the sum of £17,180 for the purchase of houses within the district.

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## SECTION "E"

### INSPECTION AND SUPERVISION OF FOOD

One slaughterhouse was working in the district and 3,194 pigs and 497 sheep and lambs were slaughtered and inspected. This number of slaughtered animals was more than double those for the previous year. Evidence of localised Tuberculosis was found in 67 pigs, and for all diseases except tuberculosis and cysticercosis evidence was found in 306 pigs and 6 sheep.

The following carcasses and parts of carcasses and offals were found to be unfit for human consumption and destroyed :

Pigs	Sheep
65 Heads (Tuberculosis)	2 sets Lungs (Pneumonia)
46 Hearts (Pericarditis)	3 sets Lungs (Pleurisy)
8 Hearts (Epicarditis)	1 Liver (Cirrhosis)



### Pigs

1 Liver (Fatty degeneration)  
67 sets Lungs (Pleurisy)  
2 sets Lungs (Cysts)  
60 sets Lungs (Pneumonia)  
27 Livers (Parasitic)  
56 sets Lungs (Congestion)  
3 Livers (Peritonitis)  
1 Liver (Necrosis)  
10 Plucks (Cysts)  
1 Hock (Abscesses)  
1 set Ribs (Abscesses)  
1 Foot (Abscesses)  
12 lbs Belly Pork (Bruising)  
31 lbs Pork (Abscesses)  
1 Carcase—95 lbs.  
(Multiple Abscesses)  
6 lbs Pork (Lacerations)  
4 lbs Pork (Bruising)

### Sheep

1 Heart (Cystovis)  
1 Pluck (Cirrhosis)  
1 set Ribs (Pleurisy)  
1 Liver (Parasitic)

### Food Stuffs

Foodstuffs were inspected at food shops as routine and also on request. The general standard was good, but again the breakdown of refrigerators in several shop premises caused severe deterioration of food.

The following foodstuffs were found to be unfit for human consumption and destroyed :—

13 pkts beef in bags	24 pkts mixed veg.
59 pkts rissoles	110 pkts beans
66 pkts steaklets	163 pkts peas
25 pkts sausages	2 pkts onions
6 pkts faggots	6 pkts fish and chips
174 pkts beefburgers	40 pkts Fryits
10 pkts porkburgers	423 pkts fish fingers
4 pkts spinach	169 pkts fish cakes
49 pkts chips	9 pkts haddock portions
21 pkts potato fries	5 haddock fillets
28 pkts potato croquettes	28 pkts cod in butter
39 chickens ( $\frac{1}{4}$ )	51 pkts cod steaks
18 beef pies	9 pkts cod fillets

34 chicken pies	7 pkts plaice
6 chicken and mushroom pies	13 pkts kippers
7 meat and potato pies	38 pkts cod fries
11 potato pies	3 pkts salmon fish cakes
44 steak and kidney pies	101 lbs chestnuts
7 shepherd pies	13 lbs blackberries
61 tubs Mousse	8 lbs broccolli
11 Arctic rolls	1 tin (6 lbs) apples
7 pkts eclairs	16 tins raspberries
9 Gateaux cakes	128 tins biscuits
27 pkts puff pastry	113 lbs steak
38 pkts short pastry	20 lbs shoulder pork
17 cream cakes	25 lbs forerib
2 trifles	6 lbs ham
11 tubs ice cream	100 lbs pork
26 tubs Yoghurt	12 lbs tongue
	1½ stones crabs

## Slaughter of Animals Acts 1958

No licences were issued.

## Food Premises

There were 14 catering establishments, 5 bakehouses and 72 other food shops. There were also 58 retailers of ice cream. The standard was reasonably satisfactory and re-conditioning and modernisation of some of the High Street shops took place.

The following improvements and repairs were carried out :—

New sinks .....	4
Refrigerators repaired .....	6
W.C.'s repaired .....	3
Floors repaired .....	1

## Milk

There were 41 registered milk retailers, most of these for the sale of sterilised milk.

SECTION "F"

PREVENTION AND CONTROL OVER INFECTIOUS AND OTHER DISEASES - 1970

Mexborough Urban District Council

Infectious Diseases (Corrected) Age Distribution

Diseases	Total Cases Notified	Cases after Correction	Under 1 yr.	1 —	2 —	3 —	4 —	5 — 9	10 — 14	15 — 24	25 — 44	45 — 64	65 and Over
Measles .....	117	117	11	21	23	12	12	37	1	—	—	—	—
Scarlet Fever .....	24	24	1	—	4	3	3	7	6	—	—	—	—
Infective Hepatitis	7	7	1	—	—	—	—	4	1	1	—	—	—
Dysentery	4	4	—	—	1	—	—	—	—	—	3	—	—
Whooping Cough	2	2	—	—	—	1	—	1	—	—	—	—	—
TOTALS	154	154	13	21	28	16	15	49	8	1	3	—	—

## TUBERCULOSIS

### No. on Register at 31st December, 1970

			Males	Females	Total
Pulmonary	...	...	53	25	78
Non-Pulmonary	...	...	1	10	11
			54	35	89

### No. removed from Register during 1970

			Pulmonary		Non-Pulmonary		
			M.	F.	M.	F.	Total
Deaths	...	...	3	1	—	—	4
Others (cured, re-diagnosed, transfers of area, etc.)	...	...	1	2	—	—	3
			4	3	—	—	7

### Additions to Register during 1970

			Pulmonary		Non-Pulmonary		
			M.	F.	M.	F.	Total
New Notifications	...		2	1	—	—	3
Others (cases restored to Register, transfers, etc.)			—	1	—	—	1
			2	2	—	—	4

### New Notifications

			Pulmonary		Non-Pulmonary		
			M.	F.	M.	F.	Total
Age Groups :							
10—14 years	...	...	—	1	—	—	1
65+ years	...	...	2	—	—	—	2
			2	1	—	—	3





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